



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

JUN 20 2018

D4811-1
Job Sheet 179549



Part No: D4811-1

Job Qty: 4 ea

DAS
13
9-89

Part Name: Pin, Quick Release



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 6/20/18

Job Tracking No:

Due Date: 7/16/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV A IPP REV:A 13.05.21 AS PER DWG REV.A VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	4 pcs		7/16/18	0.00	0.00	Purchasing		JUN 25 2018
110	Packaging	4 pcs		7/16/18	0.00	0.00	Packaging2		JUN 25 2018
120	QC	4 pcs		7/16/18	0.00	0.00	QC6		DAS 38
130	Packaging	4 pcs		7/16/18	0.00	0.00	Packaging3-2		9-89
140	QC21-SA	4 Ea		7/16/18	0.00	0.00	QC21		JUN 27 2018

Part Op 100 - Issue P/O: 40262 Possible Supplier: McMaster Carr Supplier p/n: 98470A133
Descriptions: 110 - Ensure Material Release Note is attached

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9-89

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
98470A133	Pin, Quick Release D4811-1	4 pcs (1 ea)	100-Purchasing	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	98470A133	4	0	0

Part Specifications

Specifications could not be found.



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Plex 6/20/18 9:10 AM Dart.lajeunesse.marie

Container No: S084078



Part: D4811-1

Job No: 179549

Serial No/Batch: S084078

Revision:

Inspector:

Exp Date:

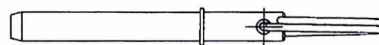
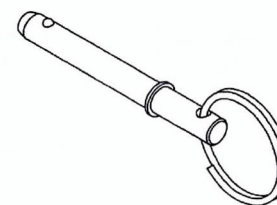
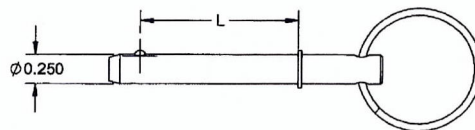
Instructions:

Date: 06/25/18

SPECIFICATION CONTROL DRAWING

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

NO. 179 549
HL5
18-06-20



DART PART NUMBER	DESCRIPTION	POSSIBLE VENDOR	VENDOR PART NUMBER	L	MATERIAL
D4811-1	QUICK RELEASE PIN	MCMaster CARR	98470A133	1.347	18-8 SS

NOTES:

- 1) MATERIAL: PER TABLE
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER QSI 044 METHOD 6.7
- 7) WEIGHT: N/A

RELEASED
2013-05-16
mp

A	NEW ISSUE	DB	13.04.01
REV.	DESCRIPTION	BY	DATE
DESIGN	DB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	DB	DRAWING NO.	REV. A
CHECKED	A.P.	D4811	SHEET 1 OF 1
MFG. APPR.	<i>u</i>	TITLE	SCALE
APPROVED	<i>mp</i>	QUICK RELEASE PIN	NTS
DE APPR.	<i>#</i>	COPYRIGHT © 2013 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	
DATE	13.04.01		

Items											
Line Item	Job	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
8		90146A059	1/pk	Pin Bent-Pull Clevis Pin with Hairpin Cotter Pin 5/16" Dia, 2-1/2" Usable Length	Firmed	6/22/18	10 Ea	0 Ea	10 Ea	\$2.59/Ea	\$25.9
9		90177A218	50/pk	Split Ring Zinc-Plated Steel Split Ring 1" OD, 13/16" ID, 1/8" Thick	Firmed	6/22/18	100 Ea	0 Ea	100 Ea	\$0.2452/Ea	\$24.5
10		90281A640	1/pk	Threaded Stud 3/8-16 X 4.0"	Firmed	6/22/18	25 Ea	0 Ea	25 Ea	\$1.65/Ea	\$41.2
11		91030A031	1/pk	Flange Hex Nut	Firmed	6/22/18	20 Ea	0 Ea	20 Ea	\$2.28/Ea	\$45.6
12		94975A162	1/pk	Quick Release Pin Quick Release Pin W/Lanyard	Firmed	6/22/18	10 Ea	0 Ea	10 Ea	\$4.49/Ea	\$44.9
13		98381A508	50/pk	Dowel Pin 3/16" X 3/4"	Firmed	6/22/18	50 Ea	0 Ea	50 Ea	\$0.156/Ea	\$7.8
14	179549	98470A133		Pin, Quick Release D4811-1	Firmed	6/22/18	10 pcs	0 pcs	10 pcs	\$3.01/pcs	\$30.1
15		MC1095S.020	9036K499	C1095 Blue Tempered Spring Steel Sheet .020 : MCMaster P/N: 9036K499 X 1 PK MIL-B-5687D BLUE FINISHED AND POLISHED 1095 SPRING STEEL .020 6" X 20' COIL receive sf	Firmed	6/22/18	10 sf	0 sf	10 sf	\$7.6075/sf	\$76.0
Line Item Note 1 roll of 6" x 20 ft = 10 sf											
16		MT-NYLON 6-B3.000X4.000-W	8733K243	CAST NYLON BAR 3" X 4" receive ft	Firmed	6/22/18	2 ft	0 ft	2 ft	\$94.00/ft	\$188.0
17	179554	6718K52		Fitting, Quick Disconnect D4182-1	Firmed	6/22/18	10 pcs	0 pcs	10 pcs	\$5.64/pcs	\$56.4
18	179548	59915K274		Rod End Bearing D4777-1	Firmed	6/22/18	20 pcs	0 pcs	20 pcs	\$17.14/pcs	\$342.8
19		92620A540	100/pk	Hex Head Cap Screw Zinc Yellow-Chromate Plated Hex Head Screw	Firmed	6/22/18	100 Ea	0 Ea	100 Ea	\$0.1201/Ea	\$12.0
20		95229A490	100/pk	Flat Washer receive pcs	Firmed	6/22/18	100 pcs	0 pcs	100 pcs	\$0.0607/pcs	\$6.0
										Grand Total: \$1,364.3	

Order Notes

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO040262

Order Placed By
Chantal Lavoie

McMaster-Carr Number
5264022-04

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Line	Product	Ordered	Shipped
1	9529K15 Hardened 440C Stainless Steel Ball, 1/4" Diameter, Packs of 100	4 Packs	4
2	69525K16 Noninsulated Quick-Disconnect Terminals, Single-Crimp Female, 16-14 Gauge, 1/4" Wide x 0.032" Thick Tab, Packs of 100	2 Packs	2
6	3896T31 Wire Rope Compression Sleeve for 1/16" Rope Diameter - Not for Lifting, Packs of 50	4 Packs	4
7	6641A41 Flexible Gasket Maker Sealant, Loctite 598, 2.36 oz. Tube	6 Each	6
8	90146A059 Bent-Pull Clevis Pin with Hairpin Cotter Pin, Zinc-Plated Steel, 5/16" Diameter, 2-1/2" Usable Length	10 Each	10
9	90177A218 Zinc-Plated Steel Split Rings, 1" OD, 13/16" ID, 1/8" Thick, Packs of 50	2 Packs	2
10	90281A640 Setup Stud, 3/8"-16 Thread Size, 4" Long, 1-1/4" Long Threads	25 Each	25
11	91030A031 Low-Strength Steel Flange Nut, Black-Oxide. 3/8"-16 Thread Size	20 Each	20
12	94975A162 18-8 Stainless Steel Ring-Grip Quick-Release Pin with Lanyard, 1/4" Diameter, 1-5/16" Usable Length	10 Each	10
13	98381A508 Dowel Pin, Alloy Steel, 3/16" Diameter, 3/4" Long, Packs of 50	1 Pack	1
14	98470A133 Shoulder-Style Ring-Grip Quick-Release Pin, 18-8 Stainless Steel, 1/4" Diameter, 1-5/16" Usable Length	10 Each	10
15	9036K499 Wear-Resistant 1095 Spring Steel, 0.0200" Thick, 6" Wide, 20 Feet Long	1 Each	1
16	8733K243 Cast Nylon Bar, 4" Wide, 3" Thick, 2' Length	2 Feet	2
17	6718K52 303 Stainless Steel Industrial-Shape Air Hose Coupling, Plug, 1/4 Coupling Size, 1/4 NPTF Female End	10 Each	10
18	59915K274 Corrosion-Resistant Ball Joint Rod End, 3/8"-24 Thread, Right Hand	20 Each	20
19	92620A540 Zinc Yellow-Chromate Plated Hex Head Screw, Grade 8 Steel, 1/4"-20 Thread Size, 3/4" Long, Packs of 100	1 Pack	1
20	95229A490 Cadmium-Plated Steel MIL. Spec. Washer for 3/8" Screw Size, NAS 1149-F0663P, Packs of 100	1 Pack	1

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Shipped separately from our New Jersey warehouse on 06/20

McMaster-Carr Supply Company
200 Aurora Industrial Pkwy
Aurora, OH 44202-8087 USA
Phone: 330-995-5500 Fax: 330-995-9600
E-Mail: cle.sales@mcmaster.com
Employer Identification Number (EIN): 36-1458720

Invoice: 65845254

Purchase Order: PO040262

Release:

McMaster-Carr Number: 5264022-04

ORIGINAL COMMERCIAL

INVOICE

CERTIFICATE OF ORIGIN

Line	Description	Qty & Unit	Unit Price	Extensi
9	90177A218 Zinc-Plated Steel Split Rings, 1" OD, 13/16" ID, 1/8" Thick, Packs of 50 Country of Origin: United States Schedule B #: 732620 ECCN #: EAR99 NLR	2 PK	\$12.26	\$24.5
10	90281A640 Setup Stud, 3/8"-16 Thread Size, 4" Long, 1-1/4" Long Threads Country of Origin: United States Schedule B #: 731815 ECCN #: EAR99 NLR	25 EA	\$1.65	\$41.2
11	91030A031 Low-Strength Steel Flange Nut, Black-Oxide, 3/8"-16 Thread Size Country of Origin: United States Schedule B #: 731816 ECCN #: EAR99 NLR	20 EA	\$2.28	\$45.6
12	94975A162 18-8 Stainless Steel Ring-Grip Quick-Release Pin with Lanyard, 1/4" Diameter, 1-5/16" Usable Length Country of Origin: United States Schedule B #: 731829 ECCN #: EAR99 NLR	10 EA	\$4.49	\$44.9
13	98381A508 Dowel Pin, Alloy Steel, 3/16" Diameter, 3/4" Long, Packs of 50 Country of Origin: United States Schedule B #: 731829 ECCN #: EAR99 NLR	1 PK	\$7.80	\$7.8
14	98470A133 Shoulder-Style Ring-Grip Quick-Release Pin, 18-8 Stainless Steel, 1/4" Diameter, 1-5/16" Usable Length Country of Origin: United States Schedule B #: 731829 ECCN #: EAR99 NLR	10 EA	\$3.01	\$30.1
15	9036K499 Wear-Resistant 1095 Spring Steel, 0.0200" Thick, 6" Wide, 20 Feet Long Country of Origin: Taiwan Schedule B #: 722692 ECCN #: EAR99 NLR	1 EA	\$76.08	\$76.0
16	8733K243 Cast Nylon Bar, 4" Wide, 3" Thick, 2' Length Country of Origin: United States Schedule B #: 392092 ECCN #: EAR99 NLR	2 FT	\$94.00	\$188.
17	6718K52 303 Stainless Steel Industrial-Shape Air Hose Coupling, Plug, 1/4 Coupling Size, 1/4 NPTF Female End Country of Origin: United States Schedule B #: 848190 ECCN #: 2B999 NLR	10 EA	\$5.64	\$56.4
18	59915K274 Corrosion-Resistant Ball Joint Rod End, 3/8"-24 Thread, Right Hand Country of Origin: United States Schedule B #: 848330 ECCN #: EAR99 NLR	20 EA	\$17.14	\$342.
19	92620A540 Zinc Yellow-Chromate Plated Hex Head Screw, Grade 8 Steel, 1/4"-20 Thread Size, 3/4" Long, Packs of 100 Country of Origin: Canada Schedule B #: 731815 ECCN #: EAR99 NLR	1 PK	\$12.01	\$12.0

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